

FORM PTO-1390 US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE (REV. 01-2003)		ATTORNEY DOCKET NUMBER 122070
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/518,918
INTERNATIONAL APPLICATION NO. PCT/GB03/002915	INTERNATIONAL FILING DATE July 7, 2003	PRIORITY DATE CLAIMED July 5, 2002
TITLE OF INVENTION LASER CALIBRATION APPARATUS		
APPLICANT(S) FOR DO/EO/US David Roberts MCMURTRY et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> <li>c. <input type="checkbox"/> The International Application was filed in English.</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:           <ul style="list-style-type: none"> <li>1. Response to Notification of Missing Requirements - Declaration Already Filed (including a copy of the Notification of Missing Requirements)</li> <li>2. Complete PCT Request (8 pages)</li> <li>3. Original PCT Transmittal of December 23, 2004</li> <li>4. Executed Declaration as Filed on December 23, 2004</li> <li>5. Date-Stamped PTO Receipt of December 23, 2004</li> </ul> </p>		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER			
10/518,918	PCT/GB03/002915	123450			
21. <input type="checkbox"/> The following fees are submitted:		<b>CALCULATIONS</b> PTO USE ONLY			
<b>BASIC NATIONAL FEE (37 CFR 1.492(a)):</b> ..... \$ 300.00		\$			
<b>SEARCH FEE (37 CFR 1.492(b)(1)-(3)):</b>		\$			
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage ..... \$ 0.00					
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA ..... \$ 100.00					
International search report provided to USPTO no later than the time at which the search fee is paid ..... \$ 400.00					
All situations not provided for above ..... \$ 500.00					
<b>EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):</b>		\$			
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage ..... \$ 0.00					
All situations not provided for above ..... \$ 200.00					
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$			
TOTAL PAGES OF APPLICATION OVER 100 ( - 100)	÷ 50	= †	x 250 =	\$	
†round up to next integer					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
TOTAL CLAIMS	- 20	=	x 50.00 =	\$	
INDEPENDENT CLAIMS	- 3	=	x 200.00 =	\$	
MULTIPLE DEPENDENT CLAIM(S)(if applicable)			+ 360.00 =	\$	
<b>TOTAL OF ABOVE CALCULATIONS</b> =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½ .				\$	
<b>SUBTOTAL</b> =				\$	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE</b> =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +				\$	
<b>TOTAL FEES ENCLOSED</b> =				\$	
				Amount to be refunded: \$	
				charged: \$	
a. <input type="checkbox"/> Check No. _____ in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944					NAME: James A. Oliff REGISTRATION NUMBER: 27,075
Date <u>August 24, 2005</u>					NAME: Jesse O. Collier REGISTRATION NUMBER: 53,839

FORM PTO-1390 (REV. 01-2003)		US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	ATTORNEY DOCKET NUMBER 122070
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) New U.S. National Stage of PCT/GB03/02915	
INTERNATIONAL APPLICATION NO. PCT/GB03/02915	INTERNATIONAL FILING DATE July 7, 2003	PRIORITY DATE CLAIMED July 5, 2002	
TITLE OF INVENTION LASER CALIBRATION APPARATUS			
APPLICANT(S) FOR DO/EO/US David Roberts MCMURTRY; Raymond John CHANEY; Mark Adrian Vincent CHAPMAN; Stephen Mark ANGOOD			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> The International Application was filed in English.</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
<b>Items 11 to 20 below concern document(s) or information included:</b>			
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A preliminary amendment.</li> <li><input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: Transmittal of Power of Attorney and Statement</li> </ol>			

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) New U.S. National Stage of PCT/GB03/02915		INTERNATIONAL APPLICATION NO. PCT/GB03/02915		ATTORNEY'S DOCKET NUMBER 122070	
21. <input type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b>				<b>CALCULATIONS PTO USE ONLY</b>	
Basic National Fee ..... \$ 300.00					
Search Fee ..... \$ 500.00					
Examination Fee ..... \$ 200.00				\$1000	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>					
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
TOTAL PAGES OF APPLICATION OVER 100 (35 - 100)	0 ÷ 50	= 10	x 250 =	\$0	
†round up to next integer					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
TOTAL CLAIMS	20- 20	= 0	x 50.00 =	\$0	
INDEPENDENT CLAIMS	3- 3	= 0	x 200.00 =	\$0	
MULTIPLE DEPENDENT CLAIM(S)(if applicable)				+ 360.00 = \$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1000	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$	
<b>SUBTOTAL =</b>				\$1000	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$1000	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$1000	
				Amount to be refunded:	\$
				charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$1000 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944					
NAME: James A. Oliff REGISTRATION NUMBER: 27,075					
NAME: Joel S. Armstrong REGISTRATION NUMBER: 36,430					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

David Roberts MCMURTRY et al.

Application No.: 10/518,918

Filed: December 23, 2004

For: LASER CALIBRATION APPARATUS

Rec'd PCT/PTO 24 AUG 2004

ATTN: PCT Branch

Docket No.: 122070

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/ELECTED  
OFFICE (DO/EO/US) DECLARATION ALREADY FILED**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on August 4, 2005, the executed Declaration of the inventors was filed on December 23, 2004.

A copy of the executed Declaration as filed, a copy of the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371, and a copy of the stamped postcard receipt are attached hereto. No Declaration surcharge was needed as the Declaration was filed prior to the 30 month date. Although only the Declaration portion of the PCT Request was submitted, the U.S. Patent and Trademark Office should have on file a copy of the entire PCT Request which identifies the application to which the Declaration is directed, as it was originally filed in English to the International Bureau. Form PCT/IB/308 indicates that the international application as filed was furnished to the U.S. Patent and Trademark Office. We enclose a copy of the entire PCT Request, including the executed Declaration, for your convenience. The December 23, 2004 §371(c) date should stand as the Declaration was timely and properly filed, and therefore no \$130 Declaration surcharge is submitted herewith.

Entry of these documents on December 23, 2004 should have completed all of the filing formalities. Accordingly, prompt issuance of a Notification of Acceptance and Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461.

**RECEIVED**

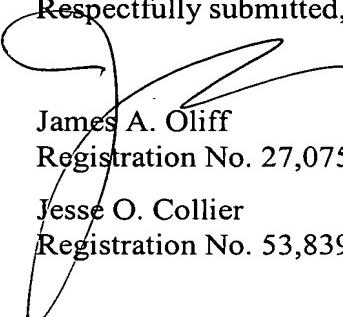
28 OCT 2005

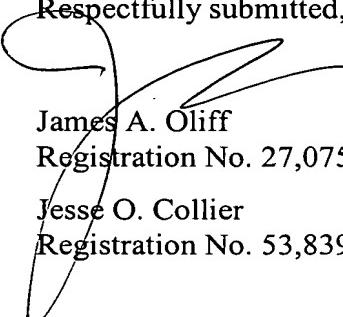
Legal Staff  
International Division

JAO:JOC/ax1

Date: August 24, 2005

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

  
Jesse O. Collier  
Registration No. 53,839

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

**DEPOSIT ACCOUNT USE  
AUTHORIZATION**  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

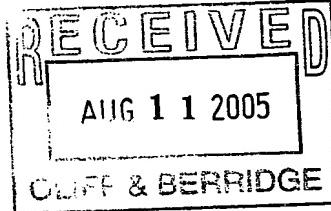


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/518,918	David Roberts McMurry	122070

25944  
 OLIFF & BERRIDGE, PLC  
 P.O. BOX 19928  
 ALEXANDRIA, VA 22320



INTERNATIONAL APPLICATION NO.	
PCT/GB03/02915	

IA. FILING DATE	PRIORITY DATE
07/07/2003	07/05/2002

CONFIRMATION NO. 7252  
 371 FORMALITIES LETTER



\*OC000000016705088\*

DUE DATE

OCT 04 2004

## MISSING PARTS

Date Mailed: 08/04/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/23/2004
- Copy of the International Search Report filed on 12/23/2004
- Preliminary Amendments filed on 12/23/2004
- Information Disclosure Statements filed on 12/23/2004
- Oath or Declaration filed on 12/23/2004
- Request for Immediate Examination filed on 12/23/2004
- U.S. Basic National Fees filed on 12/23/2004
- Assignment filed on 12/23/2004
- Priority Documents filed on 12/23/2004
- Power of Attorney filed on 12/23/2004

DOCKETED  
 By SXS on 8/11/2005  
 and  
 By MKL on 8/11/2005  
 Oliff & Berridge

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - does not identify the application to which it is directed.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

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Telephone: (703) 308-9140 EXT 207

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/518,918	PCT/GB03/02915	122070

FORM PCT/DO/EO/905 (371 Formalities Notice)

REC'D POPT 1 AUG 2004

**PTO RECEIPT FOR FILING OF PAPERS**

The following papers have been filed:

PCT Trans; ck#161948 (\$1000); Prelim Amend; DEC; POA Trans; Gen POA w/ cpy of Assign; Assign Trans; ck#161949 (\$40); Exec ASSIGN; IDS; Srch Rpt; PTO-1449 w/ 2 refs.

**Name of Applicant:** David Roberts MCMURTRY; Raymond John CHANEY; Mark Adrian Vincent CHAPMAN; Stephan Mark ANGOOD

**Serial No.:** New U.S. Patent Application

**Atty. File No.:** 122070

**Title (New Cases):** LASER CALIBRATION APPARATUS

**Sender's Initials:** JAO/mps

**NEW APPLICATION**

**PATENT OFFICE DATE STAMP**



**COPY TO BE STAMPED BY PATENT OFFICE  
AND RETURNED BY MESSENGER**

## PCT REQUEST

Original (for SUBMISSION) - printed on 07.07.2003 08:54:28 PM

VIII-4-1	<p>Declaration: Inventorship (only for the purposes of the designation of the United States of America)</p> <p>Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:</p> <p>I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.</p> <p>This declaration is directed to the international application of which it forms a part (if filing declaration with application).</p> <p>I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.</p>
VIII-4-1 -1	Prior applications:

## PCT REQUEST

Original (for SUBMISSION) - printed on 07.07.2003 08:54:28 PM

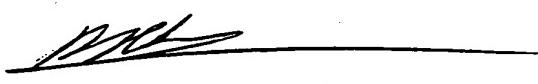
I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

VIII-4-1 -1-1 VIII-4-1 -1-2 VIII-4-1 -1-3 VIII-4-1 -1-4 VIII-4-1 -1-5 VIII-4-1 -1-6	<p>Name: <b>McMURTRY, David, Roberts</b></p> <p>Residence: (city and either US State, if applicable, or country) <b>Dursley, United Kingdom</b></p> <p>Mailing address: <b>Park Farm Stancombe GB</b></p> <p>Citizenship: </p> <p>Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) </p> <p>Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application) <b>18 / July /2003</b></p>
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## PCT REQUEST

Original (for SUBMISSION) - printed on 07.07.2003 08:54:28 PM

VIII-4-1 -2-1	Name:	CHANAY, Raymond, John
VIII-4-1 -2-2	Residence: (city and either US State, if applicable, or country)	Berkeley, United Kingdom
VIII-4-1 -2-3	Mailing address:	Laburnum Cottage New Brookend GB
VIII-4-1 -2-4	Citizenship:	
VIII-4-1 -2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -2-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	10th July 2003
VIII-4-1 -3-1	Name:	CHAPMAN, Mark, Adrian, Vincent
VIII-4-1 -3-2	Residence: (city and either US State, if applicable, or country)	Wotton-under-Edge, United Kingdom
VIII-4-1 -3-3	Mailing address:	116 Bearlands
VIII-4-1 -3-4	Citizenship:	GB
VIII-4-1 -3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -3-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	10th JULY 2003
VIII-4-1 -4-1	Name:	ANGOOD, Stephen, Mark
VIII-4-1 -4-2	Residence: (city and either US State, if applicable, or country)	Stroud, United Kingdom
VIII-4-1 -4-3	Mailing address:	67 Down View Chalford Hill
VIII-4-1 -4-4	Citizenship:	GB
VIII-4-1 -4-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -4-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	10th JULY 2003

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0	<b>For receiving Office use only</b>	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	<b>Form - PCT/RO/101 PCT Request</b>	
0-4-1	Prepared using	<b>PCT-EASY Version 2.92 (updated 01.04.2003)</b>
0-5	<b>Petition</b>  The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	<b>Receiving Office (specified by the applicant)</b>	<b>United Kingdom Patent Office (RO/GB)</b>
0-7	<b>Applicant's or agent's file reference</b>	<b>563WO</b>
I	<b>Title of invention</b>	<b>LASER CALIBRATION APPARATUS</b>
II	<b>Applicant</b>	
II-1	This person is:	<b>applicant only</b>
II-2	Applicant for	<b>all designated States except US</b>
II-4	Name	<b>RENISHAW plc</b>
II-5	Address:	<b>New Mills</b> <b>Wotton-under-Edge, Gloucestershire GL12</b> <b>8JR</b> <b>United Kingdom</b>
II-6	State of nationality	<b>GB</b>
II-7	State of residence	<b>GB</b>
II-8	Telephone No.	<b>01453 524524</b>
II-9	Facsimile No.	<b>01453 524901</b>
III-1	<b>Applicant and/or inventor</b>	
III-1-1	This person is:	<b>applicant and inventor</b>
III-1-2	Applicant for	<b>US only</b>
III-1-4	Name (LAST, First)	<b>McMURTRY, David, Roberts</b>
III-1-5	Address:	<b>Park Farm</b> <b>Stancombe</b> <b>Dursley, Gloucestershire GL11 6AT</b> <b>United Kingdom</b>
III-1-6	State of nationality	<b>GB</b>
III-1-7	State of residence	<b>GB</b>

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III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	<b>applicant and inventor</b>
III-2-2	Applicant for	<b>US only</b>
III-2-4	Name (LAST, First)	<b>CHANEY, Raymond, John</b>
III-2-5	Address:	<b>Laburnum Cottage New Brookend Berkeley, Gloucestershire GL13 9SF United Kingdom</b>
III-2-6	State of nationality	<b>GB</b>
III-2-7	State of residence	<b>GB</b>
III-3	<b>Applicant and/or inventor</b>	
III-3-1	This person is:	<b>applicant and inventor</b>
III-3-2	Applicant for	<b>US only</b>
III-3-4	Name (LAST, First)	<b>CHAPMAN, Mark, Adrian, Vincent</b>
III-3-5	Address:	<b>116 Bearlands Wotton-under-Edge, Gloucestershire GL12 7SB United Kingdom</b>
III-3-6	State of nationality	<b>GB</b>
III-3-7	State of residence	<b>GB</b>
III-4	<b>Applicant and/or inventor</b>	
III-4-1	This person is:	<b>applicant and inventor</b>
III-4-2	Applicant for	<b>US only</b>
III-4-4	Name (LAST, First)	<b>ANGOOD, Stephen, Mark</b>
III-4-5	Address:	<b>67 Down View Chalford Hill Stroud, Gloucestershire GL6 8NB United Kingdom</b>
III-4-6	State of nationality	<b>GB</b>
III-4-7	State of residence	<b>GB</b>
IV-1	<b>Agent or common representative; or address for correspondence</b>	
IV-1-1	The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	
IV-1-2	Name (LAST, First)	<b>JACKSON, John, Timothy</b>
IV-1-2	Address:	<b>Renishaw plc Patent Department New Mills Wotton-under-Edge, Gloucestershire GL12 8JR United Kingdom</b>
IV-1-3	Telephone No.	<b>01453 524524</b>
IV-1-4	Facsimile No.	<b>01453 524901</b>
IV-1-5	e-mail	<b>tim.jackson@renishaw.com</b>

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V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p><b>AP:</b> GH GM KE LS MW MZ SD SL SZ TZ UG ZM  <b>ZW</b> and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p><b>EA:</b> AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p><b>EP:</b> AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p><b>OA:</b> BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p><b>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</b></p>
V-5	<b>Precautionary Designation Statement</b>  In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	<b>Exclusion(s) from precautionary designations</b>	<b>NONE</b>
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	05 July 2002 (05.07.2002)
VI-1-2	Number	0215557.0
VI-1-3	Country	GB

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VI-2	<b>Priority document request</b> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	<b>International Searching Authority Chosen</b>	<b>European Patent Office (EPO) (ISA/EP)</b>	
VIII	<b>Declarations</b>	<b>Number of declarations</b>	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	<b>1</b>	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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VIII-4-1	<p><b>Declaration: Inventorship (only for the purposes of the designation of the United States of America)</b></p> <p>Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:</p>	<p>I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.</p> <p>This declaration is directed to the international application of which it forms a part (if filing declaration with application).</p> <p>I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.</p>
VIII-4-1 -1	Prior applications:	

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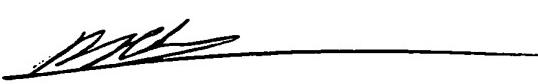
I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

VIII-4-1 -1-1 VIII-4-1 -1-2	Name:  McMURTRY, David, Roberts  Dursley, United Kingdom
VIII-4-1 -1-3	Mailing address:  Park Farm Stancombe GB  
VIII-4-1 -1-4 VIII-4-1 -1-5	Citizenship:  Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)    18 / July / 2003
VIII-4-1 -1-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

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VIII-4-1 -2-1	Name:	CHANAY, Raymond, John
VIII-4-1 -2-2	Residence: (city and either US State, if applicable, or country)	Berkeley, United Kingdom
VIII-4-1 -2-3	Mailing address:	Laburnum Cottage New Brookend
VIII-4-1 -2-4	Citizenship:	GB
VIII-4-1 -2-5	Inventor's Signature: (If not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -2-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	10th July 2003
VIII-4-1 -3-1	Name:	CHAPMAN, Mark, Adrian, Vincent
VIII-4-1 -3-2	Residence: (city and either US State, if applicable, or country)	Wotton-under-Edge, United Kingdom
VIII-4-1 -3-3	Mailing address:	116 Bearlands
VIII-4-1 -3-4	Citizenship:	GB
VIII-4-1 -3-5	Inventor's Signature: (If not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -3-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	10th JULY 2003
VIII-4-1 -4-1	Name:	ANGOOD, Stephen, Mark
VIII-4-1 -4-2	Residence: (city and either US State, if applicable, or country)	Stroud, United Kingdom
VIII-4-1 -4-3	Mailing address:	67 Down View Chalford Hill
VIII-4-1 -4-4	Citizenship:	GB
VIII-4-1 -4-5	Inventor's Signature: (If not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -4-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	10th JULY 2003

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<b>IX</b>	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	8	-
IX-2	Description	30	-
IX-3	Claims	5	-
IX-4	Abstract	1	<b>EZABST00.TXT</b>
IX-5	Drawings	15	-
IX-7	<b>TOTAL</b>	<b>59</b>	
	<b>Accompanying items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	<b>reference no.</b>	-
IX-17	PCT-EASY diskette	-	<b>Diskette</b>
IX-19	Figure of the drawings which should accompany the abstract	2	
IX-20	Language of filing of the international application	<b>English</b>	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	<b>JACKSON, John, Timothy</b>	

**FOR RECEIVING OFFICE USE ONLY**

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	<b>ISA/EP</b>
10-6	Transmittal of search copy delayed until search fee is paid	

**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	Date of receipt of the record copy by the International Bureau	
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